

CLAIMS

1. A laminated film for a dye-sensitized solar cell characterized by comprising a polyester film and a transparent conductive layer formed on one side thereof,
5 the transparent conductive layer having a surface tension of 40 mN/m or greater.
2. A laminated film for a dye-sensitized solar cell according to claim 1, wherein the surface tension of the transparent conductive layer is 65 mN/m or greater.
- 10 3. A laminated film for a dye-sensitized solar cell according to claim 1, wherein the polyester film has a light transmittance of no greater than 3% at a wavelength of 370 nm and a light transmittance of 70% or greater at 400 nm.
- 15 4. A laminated film for a dye-sensitized solar cell according to claim 1, wherein the polyester film has an absolute value of no greater than 0.8% for the difference in the heat shrinkage rates in the lengthwise direction and widthwise direction of the film upon treatment for 10
20 minutes at 200°C.
5. A laminated film for a dye-sensitized solar cell according to claim 1, wherein the polyester film has a heat shrinkage of 0-0.5% in the lengthwise direction of the film upon treatment for 10 minutes at 200°C.
- 25 6. A laminated film for a dye-sensitized solar cell according to claim 1, which further comprises a readily adhesive layer with a thickness of 10-200 nm between the polyester film and the transparent conductive layer.

7. A laminated film for a dye-sensitized solar cell according to claim 1, which further comprises a hard coat layer between the readily adhesive layer and the transparent conductive layer.
- 5 8. A laminated film for a dye-sensitized solar cell according to claim 1, which further comprises an anti-reflection layer on the side of the laminated film opposite the transparent conductive layer side.
9. An electrode for a dye-sensitized solar cell electrode comprising a laminated film for a dye-sensitized solar cell according to claim 1 and a porous semiconductor layer formed on its transparent conductive layer.
- 10 10. An electrode for a dye-sensitized solar cell electrode according to claim 9, wherein the porous semiconductor layer comprises at least one type of metal oxide selected from the group consisting of titanium oxide, zinc oxide and tin oxide.
- 15 11. A process for production of an electrode for a dye-sensitized solar cell, characterized by forming a transparent conductive layer on one side of a polyester film having an absolute value of no greater than 0.8% for the difference in the heat shrinkage rates in the lengthwise direction and widthwise direction of the film upon treatment for 10 minutes at 200°C, and baking a metal oxide thereover at 170-250°C to form a porous semiconductor layer.
- 20 25 12. A process for production of an electrode for a dye-sensitized solar cell according to claim 11, wherein the metal oxide is at least one type of metal oxide selected

from the group consisting of titanium oxide, zinc oxide and tin oxide.

13. An electrode for a dye-sensitized solar cell which is produced by the production process of claim 11.